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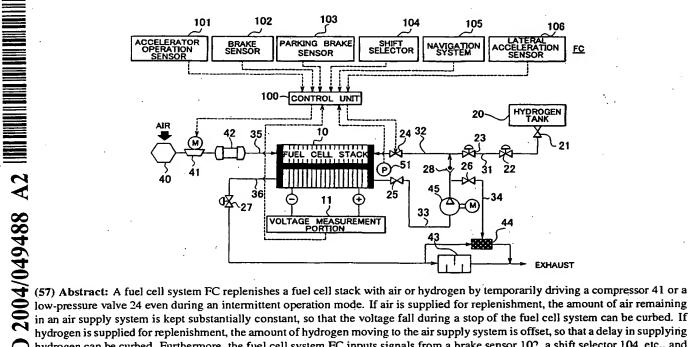
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(75) Inventors/Applicants (for US only): YOSHIDA, Naohiro [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, of1, For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FUEL CELL SYSTEM, MOBILE UNIT EQUIPPED WITH THE SYSTEM, AND CONTROL METHOD FOR THE **FUEL CELL SYSTEM**



hydrogen is supplied for replenishment, the amount of hydrogen moving to the air supply system is offset, so that a delay in supplying hydrogen can be curbed. Furthermore, the fuel cell system FC inputs signals from a brake sensor 102, a shift selector 104, etc., and anticipates acceleration of a vehicle equipped with the system FC. On the basis of the anticipation of acceleration, the system FC replenishes the fuel cell stack with air or hydrogen in advance.

